

Title (en)

TWO-LIQUID TYPE URETHANE PAINT COMPOSITION

Title (de)

URETHANLACK MIT ZWEI FLÜSSIGEN KOMPONENTEN

Title (fr)

COMPOSITION DE PEINTURE D'URÉTHANE DE TYPE À DEUX LIQUIDES

Publication

**EP 2391684 A1 20111207 (EN)**

Application

**EP 10702543 A 20100119**

Priority

- IB 2010000087 W 20100119
- JP 2009032896 A 20090216

Abstract (en)

[origin: WO2010086701A1] To provide a two-liquid type urethane paint composition with which the use-time (pot-life) is extended and with which good painting operability can be obtained. [Means of Resolution] A two-liquid type urethane paint composition which comprises: a main agent including, per 100 parts by mass as solid fraction of hydroxyl group-containing resin (A), from 2 to 35 parts by mass as effective component of hydrolyzable ester compound (B) and from 2 to 10 parts by mass of alcohol-based solvent (C); and a curing agent including a polyisocyanate compound (D), and the hydroxyl groups of the hydroxyl group-containing resin (A) and the functional groups of the polyisocyanate compound (D) are mixed in proportions of from 0.5 to 1.5 as the mol ratio NCO/OH.

IPC 8 full level

**C09D 175/04** (2006.01); **C08G 18/28** (2006.01); **C08G 18/62** (2006.01); **C08G 18/79** (2006.01)

CPC (source: EP KR US)

**C08G 18/28** (2013.01 - KR); **C08G 18/62** (2013.01 - KR); **C08G 18/6254** (2013.01 - EP US); **C08G 18/79** (2013.01 - KR); **C08G 18/792** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2010086701A1

Citation (examination)

- US 2011059251 A1 20110310 - POPPE ANDREAS [CN], et al
- WO 2010063332 A1 20100610 - BASF COATINGS AG [DE], et al
- US 2011245406 A1 20111006 - KLEIN GUENTER [DE], et al
- "Nacure 4167", 1 January 2003 (2003-01-01), pages 1, XP055075753, Retrieved from the Internet <URL:http://www.kingindustries.com/assets/1/7/N41671.pdf> [retrieved on 20130820]

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DOCDB simple family (application)

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